

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,415B
Source: PQ
Date Processed by STIC: 7/11/06

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/511,415B

DATE: 07/11/2006
TIME: 11:00:55

Input Set : F:\20040873.ORI-2.txt
Output Set: N:\CRF4\07112006\J511415B.raw

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3 <110> APPLICANT: Imperial College Innovations Limited
5 <120> TITLE OF INVENTION: Methods
7 <130> FILE REFERENCE: 20040873.ORI
9 <140> CURRENT APPLICATION NUMBER: US/10/511,415B
10 <141> CURRENT FILING DATE: 2004-10-14
12 <150> PRIOR APPLICATION NUMBER: PCT/GB03/01625
13 <151> PRIOR FILING DATE: 2003-04-15
15 <160> NUMBER OF SEQ ID NOS: 30
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 400
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 Met Met Asp Leu Arg Asn Thr Pro Ala Lys Ser Leu Asp Lys Phe Ile
27 1 5 10 15
30 Glu Asp Tyr Leu Leu Pro Asp Thr Cys Phe Arg Met Gln Ile Asp His
31 20 25 30
34 Ala Ile Asp Ile Ile Cys Gly Phe Leu Lys Glu Arg Cys Phe Arg Gly
35 35 40 45
38 Ser Ser Tyr Pro Val Cys Val Ser Lys Val Val Lys Gly Gly Ser Ser
39 50 55 60
42 Gly Lys Gly Thr Thr Leu Arg Gly Arg Ser Asp Ala Asp Leu Val Val
43 65 70 75 80
46 Phe Leu Ser Pro Leu Thr Thr Phe Gln Asp Gln Leu Asn Arg Arg Gly
47 85 90 95
50 Glu Phe Ile Gln Glu Ile Arg Arg Gln Leu Glu Ala Cys Gln Arg Glu
51 100 105 110
54 Arg Ala Leu Ser Val Lys Phe Glu Val Gln Ala Pro Arg Trp Gly Asn
55 115 120 125
58 Pro Arg Ala Leu Ser Phe Val Leu Ser Ser Leu Gln Leu Gly Glu Gly
59 130 135 140
62 Val Glu Phe Asp Val Leu Pro Ala Phe Asp Ala Leu Gly Gln Leu Thr
63 145 150 155 160
66 Gly Ser Tyr Lys Pro Asn Pro Gln Ile Tyr Val Lys Leu Ile Glu Glu
67 165 170 175
70 Cys Thr Asp Leu Gln Lys Glu Gly Glu Phe Ser Thr Cys Phe Thr Glu
71 180 185 190
74 Leu Gln Arg Asp Phe Leu Lys Gln Arg Pro Thr Lys Leu Lys Ser Leu
75 195 200 205
78 Ile Arg Leu Val Lys His Trp Tyr Gln Asn Cys Lys Lys Lys Leu Gly
79 210 215 220
82 Lys Leu Pro Pro Gln Tyr Ala Leu Glu Leu Leu Thr Val Tyr Ala Trp

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83	225	230	235	240
86	Glu Arg Gly Ser Met Lys Thr His Phe Asn Thr Ala Gln Gly Phe Arg			
87		245	250	255
90	Thr Val Leu Glu Leu Val Ile Asn Tyr Gln Gln Leu Cys Ile Tyr Trp			
91		260	265	270
94	Thr Lys Tyr Tyr Asp Phe Lys Asn Pro Ile Ile Glu Lys Tyr Leu Arg			
95		275	280	285
98	Arg Gln Leu Thr Lys Pro Arg Pro Val Ile Leu Asp Pro Ala Asp Pro			
99		290	295	300
102	Thr Gly Asn Leu Gly Gly Asp Pro Lys Gly Trp Arg Gln Leu Ala			
103		305	310	315
106	Gln Glu Ala Glu Ala Trp Leu Asn Tyr Pro Cys Phe Lys Asn Trp Asp			
107		325	330	335
110	Gly Ser Pro Val Ser Ser Trp Ile Leu Leu Ala Glu Ser Asn Ser Thr			
111		340	345	350
114	Asp Asp Glu Thr Asp Asp Pro Arg Thr Tyr Gln Lys Tyr Gly Tyr Ile			
115		355	360	365
118	Gly Thr His Glu Tyr Pro His Phe Ser His Arg Pro Ser Thr Leu Gln			
119		370	375	380
122	Ala Ala Ser Thr Pro Gln Ala Glu Glu Asp Trp Thr Cys Thr Ile Leu			
123		385	390	395
126	<210> SEQ ID NO: 2			400
127	<211> LENGTH: 1590			
128	<212> TYPE: DNA			
129	<213> ORGANISM: Homo sapiens			
131	<400> SEQUENCE: 2			
132	gaggcagttc tggtccact ctcttcctg tcaatgatgg atctcagaaa tacccagcc			60
134	aaatctctgg acaagttcat tgaagactat ctcttgccag acacgtgttt ccgcattgaa			120
136	atcgaccatg ccattgacat catctgtggg ttccctgaagg aaaggtgcctt ccgaggtac			180
138	tccatccctg tgtgtgtgtc caaggtggta aagggtggct cctcaggccaa gggcaccacc			240
140	ctcagaggcc gatctgacgc tgacctgggt gtcttcctca gtccctctcac cacttttcag			300
142	gatcagttaa atgcgcgggg agagttcatc cagggaaatta ggagacagct ggaaggctgt			360
144	caaagagaga gagcactttc cgtgaagtt gaggtccagg ctccacgctg gggcaacccc			420
146	cgtgcgtca gtttcgtact gagttcgctc cagtcgggg aggggtggta gttcgatgtg			480
148	ctgcctgcct ttgatgcctt gggcgttgt actggcagct ataaacctaa cccccaatc			540
150	tatgtcaagg tcatcgagga gtgcaccgac ctgcagaaag agggcgagtt ctccacctgc			600
152	ttcacacagaac tacagagaga cttcctgaag cagccccca ccaagctcaa gagcctcatc			660
154	cgcctagtca agcactggta caaaaattgt aagaagaagc ttgggaagct gccacctcg			720
156	tatgccctgg agctcctgac ggtctatgtc tgggagcgg ggagcatgaa aacacattc			780
158	aacacagccc aaggatttcg gacggctctg gaattagtca taaactacca gcaactctgc			840
160	atctactggc caaatgttata tgactttaaa aacccattt ttggaaaatgt cctgagaagg			900
162	cagtcacga aacccaggcc tggatcctg gaccggcgg accctacagg aaacttgggt			960
164	gggtggagacc caaagggttg gaggcagctg gcacaagagg ctgaggcctg gctgaattac			1020
166	ccatgcttta agaattggga tgggtccccca gtgagctctt ggattctgtc ggctgaaagc			1080
168	aacagtacag acgatgagac cgacgatccc aggacgtatc agaaatatgg ttacattgg			1140
170	acacatgagt accctcattt ctctcataga cccagcacgc tccaggcagc atccacccca			1200
172	cagggcagaag aggactggac ctgcaccatc ctctgaatgc cagtgcatct tggggaaag			1260
174	ggctccagtg ttatctggac cagttcccttc attttcaggt gggactcttg atccagagaa			1320
176	gacaaagctc ctcagtgagc tgggtataa tccaagacag aacccaaagtc tcctgactcc			1380

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178 tggccttcta tgcccttat cctatcatag ataacattct ccacaggcctc acttcattcc 1440
 180 acctattctc tgaaaatatt ccctgagaga gaacagagag atttagataa gagaatgaaa 1500
 182 ttccagcctt gacttcttc tgtgcacctg atgggagggt aatgtctaat gtattatcaa 1560
 184 taacaataaa aataaagcaa ataccaaaaa 1590

187 <210> SEQ ID NO: 3
 188 <211> LENGTH: 20
 189 <212> TYPE: DNA
 190 <213> ORGANISM: Artificial
 192 <220> FEATURE:
 193 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
 195 <400> SEQUENCE: 3
 196 ctcaactgagg agctttgtct 20
 199 <210> SEQ ID NO: 4
 200 <211> LENGTH: 18
 201 <212> TYPE: DNA
 202 <213> ORGANISM: Artificial
 204 <220> FEATURE:
 205 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
 207 <400> SEQUENCE: 4
 208 cactgaggag ctgggttgc 18
 211 <210> SEQ ID NO: 5
 212 <211> LENGTH: 21
 213 <212> TYPE: DNA
 214 <213> ORGANISM: Artificial
 216 <220> FEATURE:
 217 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
 219 <400> SEQUENCE: 5
 220 caggtgggac tcttgatcca g 21
 223 <210> SEQ ID NO: 6
 224 <211> LENGTH: 20
 225 <212> TYPE: DNA
 226 <213> ORGANISM: Artificial
 228 <220> FEATURE:
 229 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 231 <400> SEQUENCE: 6
 232 agggttcctg gccgtgcagg 20
 235 <210> SEQ ID NO: 7
 236 <211> LENGTH: 18
 237 <212> TYPE: DNA
 238 <213> ORGANISM: Artificial
 240 <220> FEATURE:
 241 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 243 <400> SEQUENCE: 7
 244 ccgcgcgtccc tcggctgc 18
 247 <210> SEQ ID NO: 8
 248 <211> LENGTH: 20
 249 <212> TYPE: DNA
 250 <213> ORGANISM: Artificial
 252 <220> FEATURE:

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Input Set : F:\20040873.ORI-2.txt

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253 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

255 <400> SEQUENCE: 8

256 atattcttctt tgtaatcagg

20

259 <210> SEQ ID NO: 9

260 <211> LENGTH: 20

261 <212> TYPE: DNA

262 <213> ORGANISM: Artificial

264 <220> FEATURE:

265 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

267 <400> SEQUENCE: 9

268 aaaaaatggca atcactcacc

20

271 <210> SEQ ID NO: 10

272 <211> LENGTH: 20

273 <212> TYPE: DNA

274 <213> ORGANISM: Artificial

276 <220> FEATURE:

277 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

279 <400> SEQUENCE: 10

280 ccttcttatga tttctccatag

20

283 <210> SEQ ID NO: 11

284 <211> LENGTH: 20

285 <212> TYPE: DNA

286 <213> ORGANISM: Artificial

288 <220> FEATURE:

289 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

291 <400> SEQUENCE: 11

292 atccaaaggc aataacgtacc

20

295 <210> SEQ ID NO: 12

296 <211> LENGTH: 20

297 <212> TYPE: DNA

298 <213> ORGANISM: Artificial

300 <220> FEATURE:

301 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

303 <400> SEQUENCE: 12

304 acagtgtttt atctttaagg

20

307 <210> SEQ ID NO: 13

308 <211> LENGTH: 21

309 <212> TYPE: DNA

310 <213> ORGANISM: Artificial

312 <220> FEATURE:

313 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

315 <400> SEQUENCE: 13

316 gtaacattta ctacttactc g

21

319 <210> SEQ ID NO: 14

320 <211> LENGTH: 20

321 <212> TYPE: DNA

322 <213> ORGANISM: Artificial

324 <220> FEATURE:

325 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

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Input Set : F:\20040873.ORI-2.txt

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327 <400> SEQUENCE: 14
 328 ccctgttcct tttaacttagg 20
 331 <210> SEQ ID NO: 15
 332 <211> LENGTH: 20
 333 <212> TYPE: DNA
 334 <213> ORGANISM: Artificial
 336 <220> FEATURE:
 337 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 339 <400> SEQUENCE: 15
 340 ctcaggatca taatcactgc 20
 343 <210> SEQ ID NO: 16
 344 <211> LENGTH: 20
 345 <212> TYPE: DNA
 346 <213> ORGANISM: Artificial
 348 <220> FEATURE:
 349 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 351 <400> SEQUENCE: 16
 352 ctgtgaattt tataccagg 20
 355 <210> SEQ ID NO: 17
 356 <211> LENGTH: 21
 357 <212> TYPE: DNA
 358 <213> ORGANISM: Artificial
 360 <220> FEATURE:
 361 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 363 <400> SEQUENCE: 17
 364 gtattacttt ttccacttac c 21
 367 <210> SEQ ID NO: 18
 368 <211> LENGTH: 20
 369 <212> TYPE: DNA
 370 <213> ORGANISM: Artificial
 372 <220> FEATURE:
 373 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 375 <400> SEQUENCE: 18
 376 gactctcaact gtcattgcag 20
 379 <210> SEQ ID NO: 19
 380 <211> LENGTH: 20
 381 <212> TYPE: DNA
 382 <213> ORGANISM: Artificial
 384 <220> FEATURE:
 385 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
 387 <400> SEQUENCE: 19
 388 gtgtcattgc actccaggct 20
 391 <210> SEQ ID NO: 20
 392 <211> LENGTH: 624
 393 <212> TYPE: DNA
 394 <213> ORGANISM: Homo sapiens
 396 <400> SEQUENCE: 20
 397 ggatccagat ggcatgtcac agtatactaa atgctcaactg aatccagctg caatgcagga 60
 399 agactcccct gatgtgatca tgtgtctcac cctttcaggc tgaaagcaac agtacagacg 120

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/11/2006
PATENT APPLICATION: US/10/511,415B TIME: 11:00:56

Input Set : F:\20040873.ORI-2.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,23,24,25,26,27,28,29,30

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,415B

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Input Set : F:\20040873.ORI-2.txt

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